

Title (en)
Distributed dynamic routing

Title (de)
Verteilte dynamische Leitweglenkung

Title (fr)
Routage dynamique distribué

Publication
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Application
EP 05396007 A 20050215

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Abstract (en)
In the present invention, packets are routed in a distributed and dynamic manner via an internal packet-switched telecommunication network comprising edge devices. A data packet is received from an external telecommunication network to a source edge device (10), wherein there is determined the address of the next-hop corresponding to the destination address prefix of the received data packet (11). The address and network interface of the target edge device corresponding to the determined next hop are determined (12) and there is generated a transmission packet addressed to the determined target edge device (13), the transmission packet comprising the received data packet and the determined address of the next hop and the determined network interface of the target edge device. The generated transmission packet is transmitted from the source edge device to the target edge device via one or more internal telecommunication networks at the data link layer level (17). The data packet is sent further via the network interface of the target edge device based on the next-hop address in question (16). <IMAGE>

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